

ABSTRACT

SYSTEM, METHOD, AND APPARATUS FOR HANDLE-FREE FINGER FIXTURE FOR SINGLE SLIDER POST ROW-PART DEBONDING PROCESS

[0025] A system, method, and apparatus for handling workpieces such as hard disk drive sliders during a debonding process uses a fixture having two sets of finger-like projections that are interleaved. The sets are movable relative to each other to space apart the sliders after they are processed from their original row configuration. The post-processing separation is required to properly debond the sliders. The fingers on each set are closely interleaved to reduce the amount of displacement required to adequately separate the sliders for debonding. After the sliders are displaced, they are directly debonded into the inspection trays. This design eliminates the need for manual handling of the workpieces during these phases of manufacturing.